

SIR C R REDDY COLLEGE FOR WOMEN, ELURU

Annual Curricular Plan for the Academic Year 2022 - 2023


Name of the Lecturer :	V. RAMBABU				
Name of the Department:	Computer Science				
Program	B.Com			Group:	Computer Applications
Title of the Course:	E-Commerce and Web Designing			Hrs allotted:	5
Year	I	Semester	II	Course Code:	2C
Section				Hours/Week	5


Unit No. & Name	Hour	Day	Date	Topic to be Covered	Methodology Adopted	Remarks
UNIT-I INTRODUCTION	1	Thursday	01-06-2023	Introduction to E-Commerce, Meaning, Nature, Concepts	P1	-
	2	Friday	02-06-2023	Advantages, Disadvantages, reasons for Transacting Online	P1	-
	3	Saturday	03-06-2023	Reasons for Transacting Online, Types of E-Commerce, e-commerce Business Models	P3,P1	-
	4	Monday	05-06-2023	Key Elements of a Business Model, Categorizing Major E-Commerce Business Models	P3	-
	5	Tuesday	06-06-2023	Forces Behind e-commerce. Technology used in E-commerce	P2,P3	-
	6	Thursday	08-06-2023	The dynamics of World Wide Web (Meaning, Evolution and Features)	P1	-
	7	Friday	09-06-2023	The dynamics of Internet (Meaning, Evolution and Features)	P2,P1	-
	8	Monday	12-16-2023	Designing, Building and Launching e-commerce website	P3,P2	-
	9	Tuesday	13-06-2023	Systematic approach involving decisions selection of hardware, software	P1	-
	10	Thursday	15-06-2023	Outsourcing Vs. in-house development of a website	P1	-

UNIT-II E-Payment System	11	Friday	16-06-2023	E-Payment System Models	P1,P2	-
	12	Saturday	17-06-2023	Methods of E-Payments (Debit Card, Credit Card, Smart Cards,emoney)	P1,P2,P3	-
	13	Monday	19-06-2023	Digital Signatures (Procedure)	P1	-
	14	Tuesday	20-06-2023	Digital Signature Working And Legal Position	P1,P2	-
	15	Thursday	22-06-2023	Payment Gateways	P3	-
	16	Friday	23-06-2023	Online Banking (Meaning, Concepts)	P1	-
	17	Saturday	24-06-2023	Online Banking Importance,Electronic Fund Transfer	P1,P2	-
	18	Monday	26-06-2023	Automated Clearing House, Automated Ledger Posting,Risks Involvedin E-Payment	P1	-
	19	Tuesday	27-06-2023	On-line Business Transactions:Meaning, Purpose	P1	-
	20	Friday	30-06-2023	I MID EXAMS	-	-
UNIT-III On-line Business Transactions	21	Saturday	01-07-2023	I MID EXAMS	-	-
	22	Monday	03-07-2023	Advantages and Disadvantages of Transacting Online	P1	-
	23	Tuesday	04-07-2023	E-Commerce Applications	P3	-
	24	Thursday	06-07-2023	CLASS ROOM ACTIVITY	P4	-
	25	Friday	07-07-2023	E-Commerce Applications in Various Industries Like Banking, Insurance	P1	-
	26	Monday	10-07-2023	E-Commerce Applications in Various Industries Payment of Utility Bills,	P2,P3	-
	27	Tuesday	11-07-2023	E-Tailing (Popularity, Benefits, Problems and Features)	P1	-
	28	Thursday	13-07-2023	Online Services (Financial, Travel and Career)	P1	-
	29	Friday	14-07-2023	Auctions, Online PortalOnline Learning, Publishing and Entertainment	P2	-
	30	Saturday	15-07-2023	Online Shopping (Amazon, SnapDeal, Alibaba, Flipkart, etc.)	P3,P2	-

UNIT-IV Website Designing	31	Monday	17-07-2023	Website Designing a home page	P2,P1,P3	-
	32	Tuesday	18-07-2023	Anchor tag Hyperlinks,HTML document	P1,P2	-
	33	Thursday	20-07-2023	Head and body Section	P1	-
	34	Friday	21-07-2023	Header Section,CLASS ROOM ACTIVITY	P2,P10	-
	35	Saturday	22-07-2023	Title, Prologue, Links, Colorful Pages, Comments	P3,P2,P1	-
	36	Monday	24-07-2023	Body Section, Heading Horizontal Ruler, Paragraph	P2	-
	37	Tuesday	25-07-2023	Designing Tabs, Images and Pictures	P2,P3	-
	38	Thursday	27-07-2023	Lists and their Types, Nested Lists,Table Handling	P1,P2	-
	39	Friday	28-07-2023	CLASS ROOM ACTIVITY	P5	-
	40	Monday	31-07-2023	Frameset Definition, Frame Definition,Nested Framesets	P1	-
	41	Tuesday	01-08-2023	II MID EXAMS	-	-
	42	Thursday	03-08-2023	II MID EXAMS	-	-
	43	Friday	04-08-2023	Forms and Form Elements,DHTML and Style Sheets: Defining Styles	P1,P2	-
	44	Saturday	05-08-2023	Elements of Styles,linking a style sheet to a HTML Document	P1	-
	45	Monday	07-08-2023	Inline Styles, External Style Sheets,	P1	-

UNIT-V Security and Encryption	46	Tuesday	08-08-2023	Internal Style Sheets and Multiple Style Sheets,	P2,P3	-
	47	Thursday	10-08-2023	Security and Encryption: Need and Concepts,E-Commerce Security Environment: Dimension	P1	-
	48	Friday	11-08-2023	CLASS ROOM ACTIVITY	P9	-
	49	Monday	14-08-2023	Definition and Scope Of E-Security	P1	-
	50	Thursday	17-08-2023	Security Threats in The E-Commerce Environment Security Intrusions	P10	-
	51	Friday	18-08-2023	Security Breaches	P1	-
	52	Saturday	19-08-2023	Attacking Methods Like Hacking	P3,P1	-
	53	Monday	21-08-2023	Sniffing	P3,P1	-
	54	Tuesday	22-08-2023	Cyber Vandalism Etc.	P1	-
	55	Thursday	24-08-2023	Technology Solutions - Encryption	P1	-
	56	Friday	25-08-2023	Security Channels of Communication	P3	-
	57	Saturday	26-08-2023	Protecting Networks,Protecting Servers	P2,P3	-
	58	Monday	28-08-2023	CLASS ROOM ACTIVITY	P7	-
	59	Tuesday	29-08-2023	Protecting Clients	P1	-
60	Thursday	31-08-2023	Remote Procedure Call	P1	-	


Signature of the Lecturer


Signature of the Lecturer in charge


Signature of the Principal

P1- Lecture
P6- Debate

P2- Demonstration
P7- Quiz

P3- Audio,Video
P8- Group Discussion

P4- Assignment
P9- Jam

P5- Seminar
P10- PPT

SIR C R REDDY COLLEGE FOR WOMEN, ELURU

Annual Curricular Plan for the Academic Year 2022 - 2023

Name of the Lecturer:	P. HIMA BINDU					
Name of the Department:	COMPUTER SCIENCE					
Program	B.Com				Group:	COMPUTER APPLICATIONS
Title of the Course:	DATABASE MANAGEMENT SYSTEM				Hrs allotted:	75 Hrs
Year	II	Semester	IV	Course Code:	4F	
Section	CA-I			Hours/Week	5	
Unit No. & Name	Hour	Day	Date	Topic to be Covered	Methodology Adopted	Remarks
UNIT-I OVERVIEW OF DATABASE MANAGEMENT SYSTEM	1&2	Friday	24-03-2023	Syllabus,DDL,DML Commands Lab	P1,P2	-
	3	Saturday	25-03-2023	Introduction Database Management System	P1	-
	4	Monday	27-03-2023	Data and Information of DBMS	P1	-
	5	Tuesday	28-03-2023	Objectives of DBMS	P3	-
	6	wednesday	29-03-2023	Classification of DBMS	P1	-
	7,8	Friday	31-03-2023	DTL Commands,Queries Lab	P1,P2	-
	9	Saturday	01-04-2023	Classification of DBMS ,Evolution of DBMS	P1	-
	10	Monday	03-04-2023	Evolution of DBMS	P9,P1	-
	11	Tuesday	04-04-2023	Introduction Database Management System	P1	-
	12	Monday	10-04-2023	Purpose of Database Management System	P5	-
	13	Tuesday	11-04-2023	Data and Information of DBMS	P1	-

UNIT-II FILE BASED SYSTEM	14	wednesday	12-04-2023	Database,Database Management System	P1	-
	15	Saturaday	15-04-2023	Drawbacks of File Based System,DBMS Approach	P1	-
	16	Monday	17-04-2023	Advantages of DBMS,Data Models	P1	-
	17	Tuesday	18-04-2023	CLASS ROOM ACTIVITY	P10	-
	18	wednesday	19-04-2023	Data Models,Components of Database Management	P3	-
	19,20	Friday	21-04-2023	Aggregate Functions Lab Database Management Architecture	P1,P2	-
	21	Monday	24-04-2023	I MID EXAMS	-	-
	22	Tuesday	25-04-2023	I MID EXAMS	-	-
	23	Wednesday	26-04-2023	I MID EXAMS	-	-
	24,25	Friday	28-04-2023	Set Operators Lab	P1,P2	-
UNIT-III ENTITY RELATIONSHIP MODEL	26	Saturaday	29-04-2023	Introduction Entity Relationship model	P3	-
	27	Monday	01-05-2023	Building Blocks of an entity relationship	P2	-
	28	Tuesday	02-05-2023	Classification of entity sets ,Attribute Classification	P1	-
	29	Wednesday	03-05-2023	Realtionship Degree	P9,P1	-
	30,31	Friday	05-05-2023	PL/SQL Program to find biggest number among three numbers Lab	P1,P2	-
	32,33	Friday	02-06-2023	PL/SQL Program to find factorial of a given number Lab	P1,P2	-
	34	Saturaday	03-06-2023	Relationship classification, Generalisation and Specialization	P1	-
	35	Monday	05-06-2023	Aggregation and Composition ,CODD'S Rules ,	P1	-
	36	Tuesday	06-06-2023	Realtional Data Model	P1	-
	37	Wednesday	07-06-2023	Concepts of Relational Integrity,Introduction Structured Query Language	P1	-

UNIT-IV STRUCTURED QUERY LANGUAGE	38,39	Friday	09-06-2023	PL/SQL Program to find Fibonacci series up n numbers Lab	P1,P2	-
	40	Monday	12-06-2023	History of SQL Standards, Data types in SQL	P1	-
	41	Tuesday	13-06-2023	Commands in SQL,Data Definition Language (DDL) Commands	P3,P2	-
	42	Wednesday	14-06-2023	Selection Operation and Priojection Operaation	P3,P2	-
	43,44	Friday	16-06-2023	PL/SQL Program to check whether the string is palidrome or not Lab	P1,P2	-
	45	Saturaday	17-06-2023	Aggregate Functions,Data Manipulation Language(DML)	P3	-
	46	Monday	19-06-2023	CLASS ROOM ACTIVITY	P4	-
	47	Tuesday	20-06-2023	Table Modification	P1	-
	48	Wednesday	21-06-2023	Table Truncation	P1	-
	49,50	Friday	23-06-2023	PL/SQL Program to generate prime numbers up to 'n' numbers Lab	P1,P2	-
	51	Saturaday	24-06-2023	Imposition of Constraints,Set Operations	P3	-
	52	Monday	26-06-2023	Introduction of PL/SQL	P1	-
	53	Tuesday	27-06-2023	Structure of PL/SQL	P1	-
	54	Wednesday	28-06-2023	II MID EXAMS	-	-
	55,56	Friday	30-06-2023	II MID EXAMS	-	-

UNIT-V PL/SQL	57	Saturday	01-07-2023	PL/SQL Language Elements	P2,P1	-
	58	Monday	03-07-2023	Control Structure,Steps to create a PL/SQL Programm,Data types in PL/SQL	P2,P1	-
	59	Tuesday	04-07-2023	Iterative Contol	P1	-
	60	Wednesday	05-07-2023	Cursors, Steps to create a cursor	P1,P3	-
	61,62	Friday	07-07-2023	PL/SQL Program to find factorial of a number using functions Lab	P1,P2	-
	63	Monday	10-07-2023	Types of cursors,Procedure of PL/SQL	P2	-
	64	Tuesday	11-07-2023	Functions ofPL/SQL	P3,P1	-
	65	Wednesday	12-07-2023	Packages of PL/SQL	P1	-
	66,67	Friday	14-07-2023	Create a trigger to updated the 'prod_history' table when the price of the product is updated in the 'prod'	P1,P2	-
	68	Saturday	15-07-2023	Exception Handling,Database Triggers	P2	-
	69	Monday	17-07-2023	Types of Triggers	P2	-
	70	Tuesday	18-07-2023	Revision	P7	-
	71	Wednesday	19-07-2023	Revision	P1	-
	72,73	Friday	21-07-2023	Program to find first 2 height paid employees by using cursor	P1,P2	-
74	Saturday	22-07-2023	Revision	P1	-	

P. Hima Behd
Signature of the Lecturer

K. V. V. C.
Signature of the Head of the Department

Selid
Signature of the Principal

P1- Lecture
P6- Debate

P2- Demonstration
P7- Quiz

P3- Audio,Video
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Annual Curricular Plan for the Academic Year 2022 - 2023

Name of the Lecturer :	M. DIVYA SRI					
Name of the Department:	COMPUTER SCIENCE					
Program	I B.SC					
Title of the Course:	DATA STRUCTURES USING C				Group:	I MECS
					Hrs allotted:	75
Year	I	Semester	II			
Section	MECS				Course Code:	2
					Hours/Week	5+2

Unit No. & Name	Hour	Day	Date	Topic to be Covered	Methodology Adopted	Remarks
UNIT - 1: Introduction to data structure	1	Thursday	01-06-2023	Syllabus & model papers, Introduction to the theory of data structure, Data Representation, Abstract Data Types,	P1	-
	2&3	Friday	02-06-2023	Write Programs to implement the Stack operations using an array(Practical)	P1,P2	-
	4	Monday	05-06-2023	Data Types, Primitive ,Data Structure and Structured Type, Atomic Type, Difference between Abstract Data Types	P1	-
	5	Tuesday	06-06-2023	Data Types, and Data Structures Refinement Stages	P1	-
	6	Wednesday	07-06-2023	Principles of Programming and Analysis of Algorithms: Software Engineering Program Design	P3	-
	7	Thursday	08-06-2023	Algorithms Different Approaches to Designing an Algorithm, Complexity, Big 'O' Notation	P3,P2,P1	-
	8&9	Friday	09-06-2023	Write Programs to implement the Stack operations using Linked List(Practical)	P1,P2	-
	10	Monday	12-06-2023	Recursion and types of Recursion	P2,P1	-
	11	Tuesday	13-06-2023	Tips and Techniques for Writing Programs in 'C'	P1,P3	-
	12	Wednesday	14-06-2023	Writing Programs in 'C', Algorithms, CLASS ROOM ACTIVITY	P1,P9	-

UNIT - 2:Introduction to data structure	13	Thursday	15-06-2023	Introduction to Linear and Non- Linear Data Structures	P2	-
	14&15	Friday	16-06-2023	Two- Dimensional arrays(Practical)	P1,P2	-
	16	Monday	19-06-2023	One- Dimensional Arrays,Array Operations	P1	-
	17	Tuesday	20-06-2023	Two- Dimensional arrays	P2,P3	-
	18	Wednesday	21-06-2023	Multidimensional Arrays, Pointers and Arrays	P1	-
	19	Thursday	22-06-2023	an Overview of Pointers,Introduction to Lists and Linked Lists	P3,P1	-
UNIT- 3:Stacks&Queues	20&21	Friday	23-06-2023	Write Programs to implement the Queue operations using Liked List(Practical)	P1,P2,P3	-
	22	Monday	26-06-2023	Dynamic Memory Allocation, Basic Linked List Operations,Doubly Linked List	P1	-
	23	Tuesday	27-06-2023	CLASS ROOM ACTIVITY	P4	-
	24	Wednesday	28-06-2023	Circular Linked Lis,Atomic Linked List,Linked List in Arrays	P1	-
	25&26	Friday	30-06-2023	I MID EXAMS	-	-
	27	Monday	03-07-2023	Linked List versus Arrays,Introduction to Stacks, Stack as an Abstract Data Type	P3	-
	28	Tuesday	04-07-2023	Representation of Stacks through Arrays	P1	-
	29	Wednesday	05-07-2023	Stacks through Arrays program	P2,P3	-
	30	Thursday	06-07-2023	Representation of Stacks through Linked Lists	P1	-

UNIT-3:Stacks&Queues	31&32	Friday	07-07-2023	Write a program to implement dequeue using a doubly linked list(Practical)	P1,P2	-
	33	Monday	10-07-2023	Applications of Stacks,Stacks and Recursion.	P1	-
	34	Tuesday	11-07-2023	Introduction, Queue as an Abstract data Type	P1	-
	35	Wednesday	12-07-2023	Representation of Queues	P3	-
	36	Thursday	13-07-2023	Circular Queues,Double Ended Queues	P2,P3	-
	37&38	Friday	14-07-2023	Write a program to implement Linear Search Binary Search(Practical)	P1,P2	-
	39	Monday	17-07-2023	Deques, Priority Queues,Application of Queues.	P3	-
	40	Tuesday	18-07-2023	Introduction to Non- Linear Data Structures	P1	-
UNIT-4:Binary Trees	41	Wednesday	19-07-2023	Introduction Binary Trees	P1	-
	42	Thursday	20-07-2023	Types of Trees, Basic Definition of Binary Trees,Properties of Binary Trees	P3	-
	43&44	Friday	21-07-2023	Write a program for implementation of the following Sorting Algorithms Bubble Sort , Insertion Sort ,Quick Sort(Practical)	P1,P2	-
	45	Monday	24-07-2023	Representation of Binary Trees,Operations on a Binary Search Tree,	P1,P3	-
	46	Tuesday	25-07-2023	Binary Tree Traversal dfs	P1	-
	47	Wednesday	26-07-2023	Binary Tree Traversal dbfs	P3,P2	-
	48	Thursday	27-07-2023	CLASS ROOM ACTIVITY	P4	-

UNIT-4:Binary Trees	49&50	Friday	28-07-2023	Write a program to implement Depth First Search graph traversals algorithm(Practical)	P1,P2	-
	51	Monday	31-07-2023	CLASS ROOM ACTIVITY	P7	-
	52	Tuesday	01-08-2023	II MID EXAMS	-	-
	53	Wednesday	02-08-2023	II MID EXAMS	-	-
	54	Thursday	03-08-2023	Sorting – An Introduction	P1	-
	55&56	Friday	04-08-2023	Applications of Binary Tree(Practical)	P1,P2	-
UNIT- 5:Searching and sorting & Graphs	57	Monday	07-08-2023	Bubble Sort	P3,P2	-
	58	Tuesday	08-08-2023	Insertion Sort	P3	-
	59	Wednesday	09-08-2023	Insertion Sort Program	P3,P2	-
	60	Thursday	10-08-2023	CLASS ROOM ACTIVITY	P10	-
	61&62	Friday	11-08-2023	Write a program to implement Depth First Search graph traversals algorithm(Practical)	P1,P2	-
	63	Monday	14-08-2023	Merge Sort	P1	-
	64	Wednesday	16-08-2023	Merge Sort program	P3	-
	65	Thursday	17-8-2023	Searching – An Introduction, ACTIVITY	P1,P9	-
	66&67	Friday	18-8-2023	Write a program to implement Breadth First Search graph traversals algorithm(Practical)	P1,P2,P3	-

UNIT- 5:Searching and sorting & Graphs	68	Monday	21-8-2023	Linear or Sequential Search,Linear or Sequential Search program	P1,P3	-
	69	Tuesday	22-8-2023	Binary Search,Indexed Sequential Search	P3	-
	70	Wednesday	23-8-2023	Searching and sorting programs	P1	-
	71	Thursday	24-8-2023	Introduction to Graphs, Terms Associated with Graphs,Sequential Representation ,Linked Representation of Graphs	P1	-
	72&73	Friday	25-8-2023	Write a program to implement Breadth First Search graph traversals algorithm(Practical)	P1,P2	-
	74	Monday	28-8-2023	Traversal of Graphs, Spanning Trees	P3	-
	75	Tuesday	29-8-2023	Shortest Path, Application of Graphs	P1,P2	-

Anjali S. M

Signature of the Lecturer

K. V. V. C

Signature of the Lecturer in charge

Selvia

Signature of the Principal

P1- Lecture
P6- Debate

P2- Demonstration
P7- Quiz

P3- Audio,Video
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SIR C R REDDY COLLEGE FOR WOMEN, ELURU

Annual Curricular Plan for the Academic Year 2022 - 2023

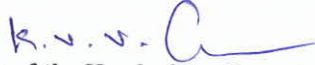
Name of the Lecturer :	G. SARALA					
Name of the Department:	COMPUTER SCIENCE					
Program	BSC				Group:	COMPUTER SCIENCE
Title of the Course:	OBJECT ORIENTED PROGRAMMING USING JAVA				Hrs allotted:	75
Year	II	Semester	IV	Course Code:	4	
Section	MECS				Hours/Week	6
Unit No. & Name	Hour	Day	Date	Topic to be Covered	Methodology Adopted	Remarks
UNIT I: Introduction to Java, Naming Conventions and Data Types, Operators in Java, Control Statements in Java, Input and Output & Arrays	1	Friday	24-03-2023	Introduction to java, Features of Java & difference between oops & pops	P1	-
	2	Saturday	25-03-2023	The Java virtual Machine, Parts of Java	P1	-
	3	Monday	27-03-2023	Naming Conventions in Java, Data Types in Java, Literals	P1	-
	4	Tuesday	28-03-2023	Operators, Priority of Operators.	P3	-
	5	Friday	31-03-2023	if... else Statement, do... while Statement, while Loop, for Loop	P3,P2,P1	-
	6	Saturday	01-04-2023	switch Statement, break & Continue Statement, return Statement.	P1,P3	-
	7	Monday	03-04-2023	Accepting Input from the Keyboard, Input with Java.util.Scanner Class	P1	-
	8	Tuesday	04-04-2023	Displaying Output with System.out.printf()	P1,P2,P3	-
	9 & 10	Thursday	06-04-2023	How to write a Sample program in java? how to compile and execute a program by using java compiler? (Practical)	P1,P2	-
	11	Saturday	08-04-2023	Displaying Formatted Output with String.format().	P1	-
	12	Monday	10-04-2023	Types of Arrays, Three Dimensional Arrays (3D array)	P2	-
	13	Tuesday	11-04-2023	array name. length, Command Line Arguments , CLASSROOM ACTIVITY	P3,P9	-
	14 & 15	Thursday	13-04-2023	Write a java program to read student details and display all the details of the students (Practical)	P1,P2	-

UNIT II: Strings, Introduction to OOPs, Classes and Objects, Methods in Java & Inheritance	16	Saturday	15-04-2023	Creating Strings, String Class Methods,	P1,P3	-
	17	Monday	17-04-2023	String Comparison, Immutability of Strings	P3	-
	18	Tuesday	18-04-2023	Problems in Procedure Oriented Approach, Features of OOPS.	P1	-
	19, 20	Thursday	20-04-2023	Write a java program for manipulation of strings(Practical)	P1,P2	-
	21	Friday	21-04-2024	Object Creation, Initializing Variables, Access Specifiers, Constructors.	P10	-
	22	Monday	24-04-2023	Method Header or Method Prototype, Method Body,	P1	-
	23	Tuesday	25-04-2023	Understanding Methods, Static Methods, Static Block, keyword 'this'	P1	-
	24, 25	Thursday	27-04-2023	Write a java program to demonstrate the use of constructor(Practical)	P1,P2	-
	26	Friday	28-04-2023	Instance Methods, Passing Primitive Data Types to Methods	P1	-
	27	Saturday	29-04-2023	Passing Objects to Methods, Passing Arrays to Methods	P3,P1	-
	28	Monday	01-05-2023	Recursion, Factory Methods, Inheritance	P1	-
	29	Tuesday	02-05-2023	The keyword 'super', The Protected Specifier, Types of Inheritance.	P1	-
	30, 31	Thursday	04-05-2023	Write a java program on function overloading to find the areas of Rectangle, Square, circle, Triangle(Practical)	P1,P2	-
	UNIT III: Polymorphism, Type Casting, Abstract Classes, Interfaces, Packages & Exception Handling.	30,	Friday	05-05-2023	Polymorphism with Variables, Polymorphism using Methods	P3
33		Saturday	06-05-2023	Polymorphism with Static Methods & Private Methods	P1	-
34		Monday	08-05-2023	CLASS ROOM ACTIVITY	P7	-
35		Tuesday	09-05-2023	Types of Data Types, Casting Primitive Data Types	P1	-
36, 37		Thursday	01-06-2023	I MID EXAMS	-	-
38		Friday	02-06-2023	I MID EXAMS	-	-
39		Saturday	03-06-2023	Casting Referenced Data Types, The Object Class & Abstract Method	P1	-
40		Monday	05-06-2023	Abstract Class & Interface, Multiple Inheritance using Interfaces	P3	-
41		Tuesday	06-06-2023	Package, Diff. Types of Packages, The JAR Files, Interfaces in a Package	P2,P3	-
42, 43		Thursday	08-06-2023	Write a java program to implement Interfaces(Practical)	P1,P2	-
44		Friday	09-06-2023	Creating Sub Package, Access Specifiers in Java, Creating API Document.	P2,P3	-
45	Saturday	10-06-2023	Throws & Throwable, Types of Exceptions, Re-throwing an Exception	P1	-	

UNIT – IV: Streams & Threads	46	Monday	12-06-2023	Stream, Creating a File using FileOutputStream	P1	-
	47	Tuesday	13-06-2023	CLASS ROOM ACTIVITY	P5	-
	48 & 49	Thursday	15-06-2023	Write a java program to create multiple threads(Practical)	P1,P2	-
	50	Friday	16-06-2023	Reading Data from a File using FileInputStream	P1	-
	51	Saturday	17-06-2023	Creating a File using FileWriter, Reading a File using FileReader	P1,P3	-
	52	Monday	19-06-2023	Zippping and Unzipping Files, Serialization of Objects	P1	-
	53	Tuesday	20-06-2023	Counting Number of Characters in a File, File Copy, File Class	P1	-
	54 & 55	Thursday	22-06-2023	Write a java program for exception handling(Practical)	P1,P2	-
	56	Friday	23-06-2023	Single & Multi Tasking, Uses of Threads, Creating a Thread and Running it	P1	-
	57	Saturday	24-06-2023	Terminating Thread, Single Tasking & Multi Tasking Using Threads	P1	-
	58	Monday	26-06-2023	Multiple Threads Acting on Single Object, Thread Class Methods	P1,P2	-
	59	Tuesday	27-06-2023	Deadlock , Thread Communication, Thread Priorities, thread Group, Thread Life Cycle.	P1	-
	60	Friday	30-06-2023	CLASS ROOM ACTIVITY	P10	-
UNIT V: Applets & Java Database Connectivity	61	Saturday	01-07-2023	Creating an Applet, Uses of Applets, <APPLET> tag, A Simple Applet	P1	-
	62	Monday	03-07-2023	An Applet with Swing Components, Animation in Applets	P2,P3	-
	63	Tuesday	04-07-2023	II MID EXAM	-	-
	64, 65	Thursday	06-07-2023	II MID EXAM	-	-
	66	Friday	07-07-2023	A Simple Game with an Applet, Applet Parameters.	P2	-
	67	Monday	10-7-2023	Database Servers, Database Clients, JDBC (Java Database Connectivity)	P2	-
	68	Tuesday	11-7-2023	Working with Oracle Database, Working with MySQL Database	P2	-

UNIT V: Applets & Java Database Connectivity	69, 70	Thursday	13-7-2023	Create an applet to display different shapes such as rectangle, oval and line (Practical)	P1, P2	-
	71	Friday	14-7-2023	CLASS ROOM ACTIVITY	P4	-
	72	Saturday	15-7-2023	Stages in a JDBC, Registering the Driver, Connecting to a Database	P2	-
	73	Monday	17-7-2023	SQL Statements, Using jdbc-odbc Bridge Driver to Connect to Oracle	P1, P2	-
	74	Tuesday	18-7-2023	Retrieving Data from MySQL Database & MS Access Database	P1, P2	-
	75	Thursday	20-7-2023	Stored Procedures and CallableStatements, Types of Result Sets.	P1	-


Signature of the Lecturer


Signature of the Head of the Department


Signature of the Principal

P1- Lecture

P2- Demonstration

P3- Audio, Video

P4- Assignment

P5- Seminar

P6- Debate

P7- Quiz

P8- Group Discussion

P9- Jam

P10- PPT

SIR C R REDDY COLLEGE FOR WOMEN, ELURU

Annual Curricular Plan for the Academic Year 2022 - 2023

Name of the Lecturer :	M. HEMA SRI				
Name of the Department:	COMPUTER SCIENCE				
Program	B.Sc			Group:	COMPUTER SCIENCE
Title of the Course:	OPERATING SYSTEMS			Hrs allotted:	75
Year	II	Semester	IV	Course Code:	5
Section	II MCCS-I			Hours/ Week	6

Unit No. & Name	Hour	Day	Date	Topic to be Covered	Methodology Adopted	Remarks
UNIT-I INTRODUCTION	1	Friday	24-03-2023	Syllabus, What is Operating System?, History and Evolution of OS	P1	
	2,3	Saturday	25-03-2023	Write a program the FCFS CPU Scheduling algorithm, Simulate SJF CPU Scheduling algorithm(Practical)	P1,P2	
	4	Monday	27-03-2023	Basic OS functions, Resource Abstraction	P1	
	5	Tuesday	28-03-2023	Types of Operating Systems– Multiprogramming Systems, Batch Systems, Time Sharing Systems	P1	
	6	Wednesday	29-03-2023	Operating Systems for Personal Computers, Workstations	P3	
	7	Friday	31-03-2023	Hand-held Devices, Process Control	P1	
	8,9	Saturday	01-04-2023	Write a program to Priority CPU Scheduling algorithm, Write a program to implement Round Robin CPU Scheduling algorithm(Practical)	P1,P2	
	10	Monday	03-04-2023	Real time Systems	P2,P3	

UNIT II: PROCESSOR	11	Tuesday	04-04-2023	Processor and User Modes, Kernels	P1	
	12	Wednesday	05-04-2023	System Calls and System Programs	P3	
	13,14	Saturday	08-04-2023	Simulate Sequential file allocation strategies, Simulate Indexed file allocation strategies (Practical)	P1,P2	
	15	Monday	10-04-2023	System View of the Process and Resources	P2	
	16	Tuesday	11-04-2023	Process Abstraction, Process Hierarchy	P3	
	17	Wednesday	12-04-2023	Threads, Threading Issues, Thread Libraries	P1	
	18,19	Saturday	15-04-2023	Simulate Linked file allocation strategies, Simulate MVT and MFT memory management techniques (Practical)	P1,P2	
	20	Monday	17-04-2023	Process Scheduling, Non-Preemptive Scheduling Algorithms: FCFS, SJF	P1	
	21	Tuesday	18-04-2023	Priority Scheduling Algorithm and Preemptive Scheduling Algorithms: RoundRobin	P1,P3	
	UNIT III: PROCESS MANAGEMENT	22	Wednesday	19-04-2023	Process Management: Deadlock, Deadlock Characterization	P3
23		Friday	21-04-2023	Necessary and Sufficient Conditions for Deadlock	P1	
24		Monday	24-04-2023	Deadlock Handling Approaches: Deadlock Prevention, Deadlock Avoidance: Resource Allocation Graph	P1	
25		Tuesday	25-04-2023	Bankers Algorithm: Safety Algorithm & Resource Request Algorithm	P3,P1	
26		Wednesday	26-04-2023	Deadlock Detection: Single instance of each Resource type, several instance of each Resource type	P1	
27		Friday	28-04-2023	Deadlock Recovery: Process Termination, Resource Preemption	P1	
28,29		Saturday	29-04-2023	Simulate Single level directory File organization techniques, Simulate Two level File organization techniques (Practical)	P1,P2	
30		Monday	01-05-2023	Concurrent and Dependent Processes	P1	
31		Tuesday	02-05-2023	Critical Section	P3,P1	
32		Wednesday	03-05-2023	Semaphores	P3	
33		Friday	05-05-2023	Methods for Inter-process Communication	P3	
34,35		Saturday	06-05-2023	Simulate Hierarchical File organization techniques, Write a program for Bankers Algorithm for Dead Lock	P1,P2	
36		Monday	08-05-2023	Process Synchronization, Classical Process Synchronization Problems: Producer-Consumer,	P1	
37		Tuesday	09-05-2023	Reader-Writer, Physical and Virtual Address Space, Memory Allocation Strategies- Fixed and -Variable Partitions, Paging	P1	

UNIT IV MEMORY MANAGEMENT	38	Thursday	01-06-2023	I MID EXAMS	-	
	39	Friday	02-06-2023	I MID EXAMS	-	
	40,41	Saturday	03-06-2023	Implement Bankers Algorithm Dead Lock Prevention(Practical)	P1,P2	
	42	Monday	05-06-2023	Segmentation	P3	
	43	Tuesday	06-06-2023	CLASS ROOM ACTIVITY	P4	
	44	Wednesday	07-06-2023	Virtual Memory	P2,P3	
UNIT V : FILE AND I/O MANAGEMENT	45	Friday	09-06-2023	UNIT V: File and I/O Management:Files,File Types,File Attributes		
	46,47	Saturday	10-06-2023	Implement Bankers Algorithm Dead Lock Prevention(Practical)	P1,P2	
	48	Monday	12-06-2023	File Operations	P1	
	49	Tuesday	13-06-2023	Directory Structure,Types of Directory Structure:Single Level,Two Level,Tree Structured,Acyclic Graph ,General graph	P2,P3	
	50	Wednesday	14-06-2023	File Allocation Methods :Contiguous Allocation,Linked Allocation,Indexed Allocation	P3	
	51	Friday	16-06-2023	File Access Methods:Sequential ,Direct,Indexed,Indexed Sequential Access Methods	P3,P2	
	52,53	Saturday	17-06-2023	Simulate the Page replacement algorithm FIFO(Practical)	P1,P2	
	54	Monday	19-06-2023	Device Management: Functions of Device Management,Types of Devices	P2	
	55	Tuesday	20-06-2023	Pipes:Pipe Definition and Types of Pipes	P3	
	56	Wednesday	21-06-2023	Buffer:Definition and Types of Buffers: Single,Double,Circular Buffer	P10	
	57	Friday	23-06-2023	Shared Memory	P2	
	58,59	Saturday	24-06-2023	Simulate the Page replacement algorithm LRU(Practical)	P1,P2	
	60	Monday	26-06-2023	Security Policy Mechanism,Goal of Security System	P1	
	61	Tuesday	27-06-2023	Protection,Internal Access Authorization:Authentication and Authorization	P1	

UNIT V : FILE AND I/O MANAGEMENT	62	Wednesday	28-06-2023	Internal Access Authorization:Authentication and Authorization	P1	
	63	Friday	30-06-2023	Introduction to Android Operating System :Features of Android,Programming Languages used in Android	P3,P2	
	64,65	Saturday	01-07-2023	Simulate the Page replacement algorithm LFU(Practical)	P1,P2	
	66	Monday	03-07-2023	II MID EXAM	-	
	67	Tuesday	04-07-2023	II MID EXAM	-	
	68	Wednesday	05-07-2023	CLASS ROOM ACTIVITY	P5	
	69	Friday	07-07-2023	Android Development Framework:Linux kernel,Android Runtime,Native Libraries,Application Framework,Applications	P3,P1	
	70,71	Saturday	08-07-2023	Simulate Paging Techniques of memory management(Practical)	P1,P2	
	72	Monday	10-07-2023	AndroidApplication Architecture	P1	
	73	Tuesday	11-07-2023	Android Process Management	P3,P1	
	74	Wednesday	12-07-2023	File System, CLASS ROOM ACTIVITY	P9,P1	
	75	Friday	14-07-2023	SmallApplication Development using Android	P3,P2,P1	

M. Hema Sri
Signature of the Lecturer

K. V. V. C.
Signature of the Head of the Department

Sahil
Signature of the Principal

P1- Lecture
P6- Debate

P2- Demonstration
P7- Quiz

P3- Audio,Video
P8- Group Discussion

P4- Assignment
P9- Jam

P5- Seminar
P10- PPT

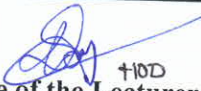
SIR C R REDDY COLLEGE FOR WOMEN, ELURU


Annual Curricular Plan for the Academic Year 2022 - 2023

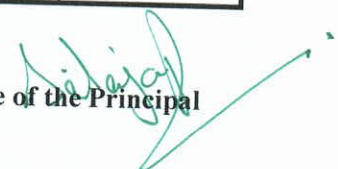
Name of the Lecturer :	T.N.D RAMYA						
Name of the Department:	STATISTICS						
Program	B.sc				Group:	B.sc	
Title of the Course:	PROBABILITY AND PROBABILITY DISTRIBUTIONS				Hrs allotted:	4+2	
Year	2022-2023	Semester	II SEM			Course Code:	2
Section	I MSCS				Hours/Week	6	
Unit No. & Name	Hour	Day	Date	Topic to be Covered	Co-Curricular Activity	Remarks	
UNIT-I INTRUCTION TO PROBABILITY	1	FRI	06-02-2023	Basic concets of probability, rabdom experiments, trail, outcome, sample space, event			
	2	SAT	06-03-2023	Mutually exclusive, Exhaustive events, equally likely and favourable outcomes			
	3	MON	06-05-2023	Mathematical, Statistical, Axiomatic definition of probability.			
	4	TUE	06-06-2023	Conditional probability and independence of events			
	5	WED	06-07-2023	(Practical) Addition theorem of probability for 2 & n events	Assignment		
	6	WED	06-07-2023	(practical) Multiplication theorem of probability for 2 & n events			
	7	FRI	06-09-2023	Boole's inequality theorem			
	8	MON	06-12-2023	Bay's theorem and it's applications in real life			
UNIT-II RANDOM VARIABLE	9	TUE	13-06-2023	Definition of random variable, discrete and continous random variables	Assignment		
	10	WED	14-06-2023	(Practical) Function of random variables: PMF, PDF			
	11	WED	14-06-2023	(Practical) Distribution function and it's properties			
	12	FRI	16-06-2023	For given PMF, PDF calculation of moments			
	13	SAT	17-06-2023	PMF, PDF calication of coefficient of skewness and kurtosis			
	14	MON	19-06-2023	Bivariate random variable- meaning, joint, marginal and conditional Distributions			
	15	TUE	20-06-2023	Independence of random variable and simple problems			

UNIT-III MATHEMATICAL EXPECTATION	16	WED	21-06-2023	(Practical) Mathematical expectation of a random variable and function of a variable		
	17	WED	21-06-2023	(Practical) Moments and Co-variance using mathematical expectation with examples		
	18	FRI	23-06-2023	Addition and Multiplication theorems on expectations		
	19	SAT	24-06-2023	Definition of MGF and their properties		
	20	MON	26-06-2023	Definition of CF and their properties		
	21	TUE	27-06-2023	Definition of CGF and their properties		
	22	WED	28-06-2023	(Practical) Definition of PGF and their properties		
	23	WED	28-06-2023	(Practical) Chebyshev & Cauchy-Schwartz inequalities	Assignment	
UNIT-IV DISCRETE DISTRIBUTIONS	24	FRI	30-06-2023	Binomial Distribution: Definition , mean, variance	Assignment	
	25	SAT	07-01-2023	Binomial Distribution: MGF,CGF,PGF,CF		
	26	MON	07-03-2023	Binomial Distribution- Recurrence relation method		
	27	TUE	07-04-2023	Poisson Distribution: Definition , mean, variance		
	28	WED	07-05-2023	(Practical-1) Fitting of Binomial Distribution		
	29	WED	07-05-2023	(Practical-2) Fitting of Binomial Distribution- Recurrence relation method		
	30	FRI	07-07-2023	Poisson Distribution: MGF,CGF,PGF,CF		
	31	MON	07-10-2023	Recurrence relation method for Poisson Distribution		
	32	TUE	07-11-2023	Negative Binomial Distribution: Definition , mean, variance		
	33	WED	07-12-2023	(Practical-3) Fitting of Poisson Distribution		
	34	WED	07-12-2023	(Practical-4) Fitting of Poisson Distribution- Recurrence relation method		
	35	FRI	14-07-2023	Negative Binomial Distribution: MGF,CGF,PGF,CF		
	36	SAT	15-07-2023	Geometric Distribution: Definition , mean, variance		
	37	MON	17-07-2023	Geometric Distribution: MGF,CGF,PGF,CF		
	38	TUE	18-07-2023	Poisson approximation to Binomial Distribution.		

UNIT-V CONTINOUS DISTRIBUTIONS	39	WED	19-07-2023	(Practical-5) Fitting of Negative Binomial Distribution		
	40	WED	19-07-2023	(Practical-6) Geometric Distribution		
	41	FRI	21-07-2023	Hyper-Geometric Distribution: Definition , mean, variance		
	42	SAT	22-07-2023	Hyper-Geometric Distribution: MGF,CGF,PGF,CF		
	43	MON	24-07-2023	Definition: Rectangular Distribution and it's properties		
	44	TUE	25-07-2023	Gamma Distribution: Gama Distribution 1st kind		
	45	WED	26-07-2023	(Practical) Eponential Distribution	Assignment	
	46	WED	26-07-2023	(Practical)Eponential Distribution : MGF,CGF,CF		
	47	FRI	28-07-2023	Gamma Distribution: Gama Distribution 1st kind:MGF,CGF,CF		
	48	MON	31-07-2023	Gamma Distribution: Gama Distribution 2nd kind		
	49	TUE	08-01-2023	Gamma Distribution: Gama Distribution 2nd kind:MGF,CGF,CF		
	50	WED	08-02-2023	(Practical)Beta Distribution 1st kind		
	51	WED	08-02-2023	(Practical-7) Fitting of Exponential Distribution.		
	52	FRI	08-04-2023	Beta Distribution 1st kind:MGF,CGF,CF		
	53	SAT	08-05-2023	Beta Distribution 2nd kind		
	54	MON	08-07-2023	Beta Distribution 2nd kind:MGF,CGF,CF		
	55	TUE	08-08-2023	Normal Distribution: Definition : MGF,CGF,CF		
	56	WED	08-09-2023	(Practical-8) Normal Distribution Areas method		
	57	WED	08-09-2023	(Practical-9) Normal Distribution Ordinates		
	58	FRI	08-11-2023	Poperties of Normal Distribution		
59	SAT	08-12-2023	Importance of Normal Distribution			
60	MON	14-08-2023	Additive Property of Normal Distribution			


Signature of the Lecturer


Signature of the Lecturer


Signature of the Principal

SIR C R REDDY COLLEGE FOR WOMEN, ELURU

Annual Curricular Plan for the Academic Year 2022 - 2023

Name of the Lecturer :	V. Prasanna					
Name of the Department:	Statistics					
Program	B.Sc			Group:	B.Sc	
Title of the Course:	SAMPLING TECHNIQUES AND DESIGN OF EXPERIMENTS			Hrs allotted:	4+2	
Year	II	Semester	IV	Course Code:	4	
Section	II MSCS-1			Hours/Week	6	
Unit No. & Name	Hour	Day	Date	Topic to be Covered	Co-Curricular Activity conducted	Remarks
UNIT:1 SIMPLE RANDOM SAMPLING	1	MON	27-03-2023	SRS with and with out replacement, Notations and Terminology		
	2	TUES	28-03-2023	Various probabilities of selection Random number tables		
	3	WED	29-03-2023	PRACTICAL-1(SRS WITH REPLACEMENT)		
	4	WED	29-03-2023	PRACTICAL-1(SRS WITH REPLACEMENT)		
	5	FRI	31-03-2023	Method of selection of Simple Random Sampling	Assignment	
	6	SAT	04-01-2023	Random number tables and its uses		
	7	MON	04-03-2023	Estimates the population total		
	8	TUES	04-04-2023	Estimates the population mean and their variances		
	9	MON	04-10-2023	Estimates the standard error		
	10	TUES	04-11-2023	Determination of sample size, SRS of attributes		

UNIT:2 STRATIFIED RANDOM SAMPLING & SYSTEMATIC SAMPLING	11	WED	04-12-2023	(PRACTICAL) STRS Def, Advanages & Dis advantages		
	12	WED	04-12-2023	(PRACTICAL) Estimation of population mean and variance		
	13	SAT	15-04-2023	STRS with propotional and optimum allocation		
	14	MON	17-04-2023	Comparision between Proportinal & Optimum allocation with SRSWOR	Assignment	
	15	TUES	18-04-2023	Systematic sampling def, merits and demerits		
	16	WED	19-04-2023	PRACTICAL-2(STRS WITH POR&OPT ALLOCATIONS. COMPARISION BETWEEN PRO OPT ALLOCAIONS WITH		
	17	WED	19-04-2023	PRACTICAL-2(STRS WITH POR&OPT ALLOCATIONS. COMPARISION BETWEEN PRO OPT ALLOCAIONS WITH		
	18	FRI	21-04-2023	Estimation of mean		
	19	MON	24-04-2023	Estimation of variance		
	20	TUES	25-04-2023	comparision of SYS with STRS and SRSWOR		
	21	WED	26/4/2023	PRACTICAL-3 (COMPARISION OF SYS WITH STRS AND SRSWOR)		
UNIT:3 ANALYSIS OF VARIANCE & DESIGN OF EXPERIMENTS	22	WED	26-04-2023	PRACTICAL-3 (COMPARISION OF SYS WITH STRS AND SRSWOR)		
	23	FRI	28-04-2023	ANOVA def and its assumptions	Assignment	
	24	SAT	29-04-2023	ANOVA one way with equal and unequal classifications		
	25	MON	05-01-2023	ANOVA two way clasiffication		
	26	TUES	05-02-2023	Design Of Experiment Def, Principles of experimental design		
	27	WED	05-03-2023	PRACTICAL-4 (ANOVA ONE WAY CLASSIFICATION WITH EQUAL AND UNEQUAL NO.OF OBSERVATIONS)		
	28	WED	05-03-2023	PRACTICAL-4 (ANOVA ONE WAY CLASSIFICATION WITH EQUAL AND UNEQUAL NO.OF OBSERVATIONS))		
	29	FRI	05-05-2023	C.R.D , Layout,Advantages & Disadvantages of C.R.D	Assignment	
	30	SAT	05-06-2023	Statistical analysis of C.R.D		

UNIT-4 RANDOMISED BLOCK DESIGN & LATIN SQUARE DESIGN	31	MON	05-08-2023	Missing plot technique of C.R.D		
	32	TUES	05-09-2023	Layout, Advantages & Disadvantages of R.B.D		
	33	WED	05-10-2023	PRACTICAL-5 (ANOVA TWO WAY CLASSIFICATION WITH EQUAL NO.OF OBSERVATIONS))		
	34	WED	05-10-2023	PRACTICAL-6 (ANALYSIS OF C.R.D)		
	35	FRI	06-02-2023	Statistical analysis of R.B.D		
	36	SAT	06-03-2023	Missing plot technique of R.B.D		
	37	MON	06-05-2023	Layout, Advantages & Disadvantages of L.S.D		
	38	TUES	06-06-2023	Statistical analysis of L.S.D		
	39	WED	06-07-2023	PRACTICAL-6 (C.R.D WITH SINGLE MISSING OBSERVATION)		
	40	WED	06-07-2023	PRACTICAL-7 (ANALYSIS OF R.B.D)		
	41	FRI	06-09-2023	Missing plot technique of L.S.D		
	42	MON	06-12-2023	Efficiency of L.S.D over C.R.D and R.B.D		
	43	TUES	13-06-2023	SOLVED PROBLEMS		
	44	WED	14-06-2023	PRACTICAL-7 (R.B.D WITH SINGLE MISSING OBSERVATION)		
	45	WED	14-06-2023	PRACTICAL-8 (EFFICIENCY OF C.R.D WITH R.B.D)		

UNIT-5 FACTORIAL EXPERIMENTS	46	FRI	16-06-2023	Factorial Experiment Intoduction, Def		
	47	SAT	17-06-2023	2- Square Factorial Experiment		
	48	MON	19-06-2023	Main Effects of 2-Square Experiments		
	49	TUES	20-06-2023	Discussion On Orthogonal Contrasts		
	50	WED	21-06-2023	PRACTICAL-9 (ANALYSIS OF L.S.D)		
	51	WED	21-06-2023	PRACTICAL-9 (L.S.D WITH SINGLE MISSING OBSERVATION)		
	52	FRI	23-06-2023	Statistical analysis of 2-suare factorial experiment		
	53	SAT	24-06-2023	ANOVA table for 2-square Experiment in R.B.D with r replicates	Assignment	
	54	MON	26-06-2023	2- Cube Factorial Experiment		
	55	TUES	27-06-2023	Main Effects of 2-cube Factorial Experiments		
	56	WED	28-06-2023	PRACTICAL-10 (EFFICIENCY OF L.S.D OVER C.R.D AND R.B.D)		
	57	WED	28-06-2023	PRACTICAL-10 (EFFICIENCY OF L.S.D OVER C.R.D AND R.B.D)		
	58	FRI	30-06-2023	Interaction effects of 2-Cube Factorial Experiments		
	59	SAT	07-01-2023	Statistical analysis of 2-cube Factorial experiment	Assignment	
	60	MON	07-03-2023	ANOVA table for 2-cube Experiment in R.B.D with r replicates		
	60	TUES	07-04-2023	Yate's procedure to find factorial effects or effect totals		

Signature of the Lecturer

Signature of the Lecturer

Signature of the Principal

SIR C R REDDY COLLEGE FOR WOMEN, ELURU
Annual Curricular Plan for the Academic Year 2022 - 2023

Name of the Lecturer :	R.L.SYAMALA				
Name of the Department:	STATISTICS			Group:	B.Sc
Program	B.Sc			Hrs allotted:	4+2
Title of the Course:	APPLIED STATISTICS			Course Code:	5
Year	2022-2023	Semester	IV	Hours/Week	6
Section	II MSCS-1				

Unit No. & Name	Hour	Day	Date	Topic to be Covered	Co-Curricular Activity	Remarks
TIME SERIES	1	MON	27-03-2023	(practical)Intruduction of time series&Definition	Assignment	
	2	MON	27-03-2023	(practical) Components of time series		
	3	WED	29-03-2023	Illustrations of time series		
	4	FRI	31-03-2023	Additive models.		
	5	SAT	04-01-2023	Multiplicative and mixed models.		
	6	MON	04-03-2023	(practical)Estimation of trend by free hand curve method		
	7	MON	04-03-2023	(practical) Method of semi averages		
	8	THU	04-06-2023	Determination of trend by least squares		
	9	MON	04-10-2023	Practical-1 Mesurement of trend by method of moving averages(odd & even period)		
	10	MON	04-10-2023	(practical) Linear trend with problems		
	11	WED	04-12-2023	Parabolic trend		
	12	THU	13-04-2023	Parabolic trend with problems		
	13	SAT	15-04-2023	Moving average method		
	14	MON	17-04-2023	Practical-2 mesurement of trend by method of least square (linear & parabola)		
	15	MON	17-04-2023	(practical) Solved Problems		

SEASONAL COMPONENTS	16	WED	19-04-2023	Determination of seasonal indices by simple averages method		
	17	THU	20-04-2023	Ratio to Moving Averages		
	18	FRI	21-04-2023	solved problems.		
	19	MON	24-04-2023	Practical-3 Determination of seasonal indices by method of simple averages.		
	20	MON	24-04-2023	Practical-4 Determination of seasonal indices by method of Ratio to Moving averages		
	21	WED	26-04-2023	Ratio to trend method		
	22	THU	27-04-2023	Ratio to trend method problems	Assignment	
	23	FRI	28-04-2023	Link Relatives Method		
	24	SAT	29-04-2023	Solved problems on link relative method		
	25	MON	05-01-2023	Practical-5 Determination of seasonal indices by method of Ratio to trend		
	26	MON	05-01-2023	Practical-6 Determination of seasonal indices by method of Ratio to link relatives		
	27	WED	05-03-2023	Depersonalization		
	28	THU	05-04-2023	Solved problems		
	GROWTH CURVES	29	FRI	05-05-2023	Modified Exponential curve	
30		SAT	05-06-2023	Logistic curve & Grompertz curve		
31		MON	05-08-2023	(Practical)Three selected points & partial sums		
32		MON	05-08-2023	(Practical)Partial sums		
33		WED	05-10-2023	Logistic curve		
34		THU	06-01-2023	Three selected points		
35		FRI	06-02-2023	Grompertz curve		
36		SAT	06-03-2023	Three selected points	Assignment	
37		MON	06-05-2023	(Practical)Detrending		
38		MON	06-05-2023	(Practical)Effect of elimination of trend		

INDEX NUMBERS	39	WED	06-07-2023	Concept and definition of Index Numbers		
	40	THU	06-08-2023	Construction of Index Numbers		
	41	FRI	06-09-2023	Price Index Numbers	Assignment	
	42	MON	06-12-2023	(Practical)Quantity Index Numbers		
	43	MON	06-12-2023	Practical-7Computation of simplex numbers		
	44	WED	14-06-2023	Problems involved in the construction of Index numbers		
	45	THU	15-06-2023	Uses and limitations of Indexnumbers		
	46	SAT	17-06-2023	Cost of living index numbers		
	47	MON	26-06-2023	Practical-8 Computation of all weight index numbers		
	48	MON	26-06-2023	Practical-9 Computation of reversaltests.		
	49	WED	28-06-2023	Solved problems		
VITAL STATISTICS	50	FRI	30-06-2023	Intruduction of vital Statistics		
	51	SAT	07-01-2023	Definition and uses of vital statistics		
	52	MON	07-03-2023	(practical)Measures Of different mortality rates		
	53	MON	07-03-2023	Practical-10 Computation of various Mortality rates		
	54	WED	07-05-2023	Sources of vital statistics		
	55	THU	07-06-2023	Measures of Different Fertility rates	Assignment	
	56	FRI	07-07-2023	Measures of Population Growth		
	57	MON	07-10-2023	Practical-11 Computation of various Fertility rates		
	58	MON	07-10-2023	Practical-12 Computation of various Reproduction rates		
	59	WED	07-12-2023	Construction of life tables		
	60	THU	13-07-2023	Uses of life tables.		

Signature of the Lecturer ^{HOD}

Signature of the Lecturer ~~in charge~~

Signature of the Principal